

I. Amendments to the Claims

This listing of claims replaces without prejudice all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended) A foam pad comprising a surface to which a trim cover can be secured, the surface comprising a channel having a width of up to about 15 mm, the channel having a first section and a second section, the first section: (i) having a narrower width than the second section, and (ii) having disposed therein one of a male portion or a female portion of a releasably engageable male-female trim cover attachment system.

Claim 2 (Original) The foam pad defined in claim 1, wherein the channel has a width of up to about 12 mm.

Claim 3 (Original) The foam pad defined in claim 1, wherein the channel has a width in the range of from about 4 to about 10 mm.

Claim 4 (Original) The foam pad defined in claim 1, wherein the channel has a width in the range of from about 4 to about 8 mm.

Claim 5 (Original) The foam pad defined in claim 1, the channel having disposed therein the female portion of the releasably engageable male-female trim cover attachment system.

Claim 6 (Currently Amended) The foam pad defined in claim 5, wherein the female portion comprises a female attachment portion and a base portion.

Claim 7 (Original) The foam pad defined in claim 6, wherein the base portion has a larger surface area than a surface area of the female attachment portion attached thereto.

Claim 8 (Original) The foam pad defined in claim 7, wherein at least a portion of the base portion is encompassed by the foam pad.

Claim 9 (Currently Amended) The foam pad defined in claim 6, wherein the female attachment portion spans the width of the channel.

Claim 10 (Original) The foam pad defined in claim 6, wherein the female attachment portion comprises a clip portion.

Claim 11 (Original) The foam pad defined in claim 10, wherein the clip portion comprises a substantially U-shaped cross-section.

Claim 12 (Original) The foam pad defined in claim 11, wherein U-shaped cross-section comprises a pair of generally upstanding walls defining a locking region therebetween for receiving a male portion of the male-female trim cover attachment system.

Claim 13 (Original) The foam pad defined in claim 12, wherein a distal portion of each of the upstanding walls comprises a locking portion for engaging the attachment portion of the element to be attached.

Claim 14 (Original) The foam pad defined in claim 13, wherein the locking portion comprises a first lateral portion projecting substantially toward the locking region.

Claim 15 (Original) The foam pad defined in claim 14, wherein the first lateral portion projects angularly with respect to the pair of generally upstanding walls.

Claim 16 (Original) The foam pad defined in claim 13, wherein the locking portion comprising a hook-shaped portion.

Claim 17 (Original) The foam pad defined in claim 5, wherein the foam pad comprises a plurality of female portions disposed in the channel.

Claim 18 (Original) The foam pad defined in claim 17, wherein the plurality of female portions are independent of one another.

Claim 19 (Currently Amended) The foam pad defined in claim ~~[[6]]~~ 17, wherein the plurality of female portions are interconnected to one another at least one connecting portion.

Claim 20 (Original) The foam pad defined in claim 5, wherein the female portion is constructed from a polymer.

Claim 21 (Currently Amended) The foam pad defined in claim 20, wherein the polymer is selected from the group ~~comprising~~ consisting of thermoset polymer and thermoplastic polymers.

Claim 22 (Currently Amended) The foam defined in claim 21, wherein the thermoplastic polymer is selected from the group ~~comprising~~ consisting of polyethylene, polypropylene and mixtures thereof.

Claim 23 (Original) The foam pad defined in claim 21, wherein the thermoset polymer comprises polyurethane.

Claim 24 (Original) The foam pad defined in claim 1, further comprising a trim cover attached thereto, the trim cover comprising the other of the male portion or the female portion of the releasably engageable male-female trim cover attachment system.

Claim 25 (Original) A vehicular seat comprising the foam pad defined in claim 24.

Claim 26 (Withdrawn) A process for producing a foam pad in a mold comprising a first mold portion and a second mold portion releasably engageable to define a mold cavity, the process comprising the steps of:

disposing a female portion of a releasably engageable male-female trim cover attachment system on a retainer disposed on at least one of the first mold portion and the second portion;

dispensing at least one of an expandable polymeric composition and expanded polymer particles in at least one of the first mold portion and the second mold portion;

closing the first mold portion and the second mold portion; and

expanding the expandable polymeric composition or adhering the expanded polymer particles to each other to substantially fill the mold cavity and to partially encompass at least a portion of the female portion to produce the foam pad.

Claim 27 (Withdrawn) The process defined in claim 26, wherein the rail has a width of up to about 12 mm.

Claim 28 (Withdrawn) The process defined in claim 26, wherein the retainer has a width in the range of from about 4 to about 10 mm.

Claim 29 (Withdrawn) The process defined in claim 26, wherein the retainer has a width in the range of from about 4 to about 8 mm.

Claim 30 (Withdrawn) The process defined in claim 26, wherein the disposing step comprises releasably engaging the female portion to the retainer.

Claim 31 (Withdrawn) The process defined in claim 30, wherein the female portion comprises a female attachment portion and base portion.

Claim 32 (Withdrawn) The process defined in claim 31, wherein the base portion has a larger surface area than a surface area of the female attachment portion attached thereto and the expanding step comprising encompassing at least a portion of the base portion with the expandable polymeric composition or expanded polymer particles.

Claim 33 (Withdrawn) The process defined in claim 30, wherein the female attachment portion comprises a clip portion.

Claim 34 (Withdrawn) The process defined in claim 33, wherein the clip portion comprises a substantially U-shaped cross-section.

Claim 35 (Withdrawn) The process defined in claim 34, wherein U-shaped cross-section comprises a pair of generally upstanding walls defining a locking region therebetween for receiving a male portion of the male-female trim cover attachment system.

Claim 36 (Withdrawn) The process defined in claim 35, wherein the retainer is releasably engaged with the locking region during the expanding step.

Claim 37 (Withdrawn) The process defined in claim 36, wherein the retainer completely fills the locking region.

Claim 38 (Withdrawn) The process defined in claim 36, wherein the retainer incompletely fills the locking region.

Claim 39 (Withdrawn) The process defined in claim 26, wherein the expandable polymeric composition comprises a liquid foamable isocyanate-based polymer.

Claim 40 (Withdrawn) The process defined in claim 26, comprising the further steps of:

removing the foam pad from the mold; and

securing a trim cover to the female portion.

Claim 41 (Withdrawn) The process defined in claim 40, wherein the trim cover comprises the male portion of the male-female trim cover attachment system and the securing step comprises engaging the male portion on the trim cover with the female portion on the foam pad.

Claim 42 (Withdrawn) A mold for producing a mold product, the mold comprising a first mold portion and a second mold portion releasably engageable to define a mold cavity, a rail disposed on at least on of the first mold portion and the second mold portion, rail having a width of less than about 15 mm along substantially its entire length, the rail comprising a first section and a second section having different widths.

Claim 43 (Withdrawn) The mold defined in claim 42, wherein first section has a width greater than the second section.

Claim 44 (Withdrawn) The mold defined in claim 43, wherein second section has a width of less than about 12 mm.

Claim 45 (Withdrawn) The mold defined in claim 43, wherein second section has a width in the range of from about 4 mm to about 10 mm.

Claim 46 (Withdrawn) The mold defined in claim 43, wherein second section has a width in the range of from about 4 mm to about 18 mm.

Claim 47 (Withdrawn) The mold defined in claim 43, wherein the rail comprising a plurality of first sections and a plurality of second sections.

Claim 48 (Withdrawn) The mold defined claim 43, wherein the rail further comprises a transition section interposed between an adjacent pair of the first section and the second section.

Claim 49 (Withdrawn) The mold defined in claim 48, wherein the transition section comprises a varying width between respective widths of the first section and the second section.

Claim 50 (New) A foam pad comprising a surface to which a trim cover can be secured, the surface having molded therein an open channel having a width of up to about 15 mm, the open channel having disposed in a portion thereof at least one female portion of a releasably engageable male-female trim cover attachment system, the female portion comprising a female attachment portion and a base portion.

Claim 51 (New) The foam pad defined in claim 50, wherein the channel has a width of up to about 12 mm.

Claim 52 (New) The foam pad defined in claim 50, wherein the channel has a width in the range of from about 4 to about 10 mm.

Claim 53 (New) The foam pad defined in claim 50, wherein the channel has a width in the range of from about 4 to about 8 mm.

Claim 54 (New) The foam pad defined in claim 1, wherein the female portion comprises a female attachment portion and a base portion.

Claim 55 (New) The foam pad defined in claim 54, wherein the base portion has a larger surface area than a surface area of the female attachment portion attached thereto.

Claim 56 (New) The foam pad defined in claim 55, wherein at least a portion of the base portion is encompassed by the foam pad.

Claim 57 (New) The foam pad defined in claim 54, wherein the female attachment portion spans the width of the channel

Claim 58 (New) The foam pad defined in claim 54, wherein the female attachment portion comprises a clip portion.

Claim 59 (New) The foam pad defined in claim 58, wherein the clip portion comprises a substantially U-shaped cross-section.

Claim 60 (New) The foam pad defined in claim 59, wherein U-shaped cross-section comprises a pair of generally upstanding walls defining a locking region therebetween for receiving a male portion of the male-female trim cover attachment system.

Claim 61 (New) The foam pad defined in claim 60, wherein a distal portion of each of the upstanding walls comprises a locking portion for engaging the attachment portion of the element to be attached.

Claim 62 (New) The foam pad defined in claim 61, wherein the locking portion comprises a first lateral portion projecting substantially toward the locking region.

Claim 63 (New) The foam pad defined in claim 62, wherein the first lateral portion projects angularly with respect to the pair of generally upstanding walls.

Claim 64 (New) The foam pad defined in claim 61, wherein the locking portion comprising a hook-shaped portion.

Claim 65 (New) The foam pad defined in claim 50, wherein the foam pad comprises a plurality of female portions disposed in the channel.

Claim 66 (New) The foam pad defined in claim 65, wherein the plurality of female portions are independent of one another.

Claim 67 (New) The foam pad defined in claim 65, wherein the plurality of female portions are interconnected to one another at least one connecting portion.

Claim 68 (New) The foam pad defined in claim 50, wherein the female portion is constructed from a polymer.

Claim 69 (New) The foam pad defined in claim 50, further comprising a trim cover attached thereto, the trim cover comprising a male portion of the releasably engageable male-female trim cover attachment system.

Claim 70 (New) A vehicular seat comprising the foam pad defined in claim 69.

Claim 71 (New) A foam pad comprising a surface to which a trim cover can be secured, the surface having molded therein an open channel having a width of up to about 15 mm, the open channel having a first section and a second section, the first section: (i) having a narrower width than the second section, and (ii) having disposed in a portion

thereof plurality of female portions of a releasably engageable male-female trim cover attachment system, the female portion comprising a clip portion and a base portion molded into the foam pad.

Claim 72 (New) The foam pad defined in claim 71, further comprising a trim cover attached thereto, the trim cover comprising a male portion of the releasably engageable male-female trim cover attachment system.

Claim 73 (New) A vehicular seat comprising the foam pad defined in claim 72.